



Sheet 1 of 1

Form PTO-1449 (Modified)

Atty. Docket No.
27/277

Application No.
10/572,555

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION
(USE SEVERAL SHEETS IF NECESSARY)

Applicant:
Menachem Nathan

Filing Date:
March 17, 2007

Group Art Unit:

U.S. PATENT DOCUMENTS

	EX. INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
AA							
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
AJ								
AK								
AL								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

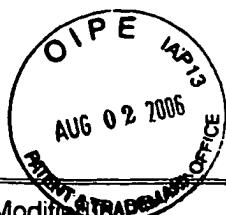
AM	W	Zickar, Noell, Marxer and Rooij "4x4 & 8x8 Optical Cross Connect for Optical Fiber Networks" SPIE vol. 5455, pp. 212-219, (2004)
AN		
AO		

EXAMINER

DATE CONSIDERED

01/2008

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 4

Form PTO-1449 (Modified)

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10/572,555

INFORMATION DISCLOSURE CITATION
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Applicant:
Menachem Nathan

Filing Date:
March 17, 2007

Group Art Unit:
2874

U.S. PATENT DOCUMENTS

	EX. INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLAS S	FILING DATE
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
AJ								
AK								
AL								

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	<i>TW</i>	Monolithic Coupling of a SU8 Waveguide to A Silicon Photodiode by M. Nathan et al Journal Of Applied Physics, Vol. 94 pp. 7932-7934, 2003
AN	<i>TW</i>	Chapter 2 of thesis: Fabrication and Characterization of a Monolithic Integration Between Planar Waveguide and Photodiode by Oren Levy, TA University June 2003
AO	<i>TW</i>	M.H. Wu and G.M. Whitesides, J. Micromech. Microeng. 12 (2002), pp. 747-758 Fabrication of two-dimensional arrays of Microlenses and their applications in Photolithography

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				Filing Date: March 17, 2006	Group Art Unit:			
U.S. PATENT DOCUMENTS								
	EX-TRADEMAKES INITIAL	DOCUMENT NUMBER	DATE	NAME		CLASS	SUB- CLASS	FILING DATE
BA								
BB								
BC								
BD								
BE								
BF								
BG								
BH								
BII								
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
BJ							YES	NO
BK								
BL								
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
BM	<i>TM</i>	S. Chen et al. Infrared Physics & Technol. - Monolithic Integration Technique for Microlens Arrays with Infrared Focal Plane Arrays Vol 43, pp. 109-112, (2002)						
BN	<i>TM</i>	M.V. Kunnavakkam et al, Applied Physics Letters- "Low Cost, Low-loss microlens arrays fabricated by soft-lithography replication process, Vol. 82 pp. No. 8, 1152-1154, (2003)						
BO	<i>TM</i>	N.P. Eisenberg et al.; Materials Science in Semiconductor Processing , Vol 3, pp. 443-448, 2000 ; "New Types of Microlens Arrays for the IR Based on Inorganic Chalcogenide Photoresists						
EXAMINER <i>MM</i>				DATE CONSIDERED <i>01/2008</i>				
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AUG 02 2006 U.S. PATENT AND TRADEMARK OFFICE			Filing Date: March 17, 2006	Group Art Unit:			
U.S. PATENT DOCUMENTS							
	EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
CA							
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
CI							YES NO
CJ							
CK							
CL							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
CM	✓	Journal of Optoelectronics and Adv. Materials Vol 2, No. 2, 2000, pp. 147-152, 2000 "Infrared Microlens Arrays Based on Chalcogenide Photoresist, Fabricated By Thermal Reflow Porcess"					
CN	✓	Journal of Optoelectronics and Adv. Materials Vol 4, Nr.2 (June 2002)- pp. 405-407, "As ₂ S ₃ Based Arrays of Large-Size IR Microlenses"					
CO	✓	M. He et al., Applied Optics, Vol. 42, No. 36 pp.7174-7178, (2003) "Reflow Technique for the Fabrication of An Elliptical Mircolens Array in Sol-Gel Material"					
CP		M. Nathan, Journal of Applied Physics; Vol. 94, No. 12 , pp. 7932-7934 (Dec. 15, 2003) "Monolithic Coupling of a SU8 Waveguide to a Silicon Photodiode."					
EXAMINER <i>Smith</i>			DATE CONSIDERED <i>01/2008</i>				
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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
						YES	NO
DJ							
DK							
DL							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
DM	W	M. Nathan; Applied Physics Letters Vol 85, No. 14; (Oct 2004) pp. 2688-2690 "Microlens Reflector For Out-of Plane Optical Coupling of A Waveguide to A Buried Silicon Photodiode"					
DN	W	Y. Ohmori et al., Thin Solid Films 393 (2001) 267-272, "Organic Electroluminescent Diodes As a Light Source for polymeric waveguides- toward organic integrated optical devices					
DO							
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